

DANIEL FOX

Intermezzo

for Magnetic Resonator Piano

(2011)

Duration: 5 minutes.

Intermezzo for Magnetic Resonator Piano was composed in 2011 for the concerts at Drexel University and Temple University (*Cybersounds: MRP*) on 3rd and 4th December 2011 that were devoted to the new instrument.

PERFORMANCE NOTES

This *Intermezzo* is composed for an enhanced piano that has lost none of its old virtues, but has gained the ability to sound unlimited sustain, to crescendo on a sustained note, and to sound a pitch with a percussion-less attack.

The symbol **n.h.** indicates that the piano key should be depressed without causing the hammer to strike the strings. The notated pitch will be produced by the electromagnetic actuators. Accidentals hold for the measure and register in which they appear.

About the Magnetic Resonator Piano

The Magnetic Resonator Piano was invented by Andrew McPherson. It is a hybrid acoustic-electronic instrument augmenting the traditional grand piano. Sound is produced without loudspeakers using electromagnetic actuators to directly manipulate the piano strings, expanding its vocabulary to include infinite sustain, notes that crescendo from silence, harmonics, and new timbres. A sensor on the keyboard reports the continuous position of every key. Time and spatial resolution are sufficient to capture detailed data about key press, release, pretouch, aftertouch, and other extended gestures. The system, which is designed with cost and setup constraints in mind, seeks to give pianists continuous control over the musical sound of their instrument.

More information on the instrument is available at music.ece.drexel.edu/research/mrp

Adagio ♩ = 72

Piano

pp very delicate

poco cresc.

Ped.

poco accel. *poco rit.* A tempo

mp

**Ped.*

molto rit.

pp *sub* *a quiet triumph*

mf *p rubato*

**Ped.* **Ped.*

A tempo

11

poco

**Ped.* **Ped.*

with growing force

15

mf *pp cresc.*

* Ped. * Ped. *

19

f

* Ped. *

20

sff *ff*

* Ped. *

21

f *ff* *pp* *ff* *n* *f*

* Ped. * n.h.

24 *with growing force*

pp *cresc.* *f*

Ped. **Ped.* **Ped.*

27 *graceful, singing*

p

**Ped.* **Ped.* *

29

Ped. **Ped.* *

cresc. *tr*

31

(tr) *tr* *tr*

**Ped.* **Ped.* *

very expressive

33

f 3 *LH LH

Ped. *Ped. *Ped. *

singing

35

3 *p* 3

Ped. *Ped. *

bursting with energy

36

f 3 3

Ped. *Ped. *

*The down-stem notes in the treble clef should be played with the left hand for measures 33 and 34

38

(tr) *tr*

sf

Ped. **Ped.* **Ped.* *

3

3

3

40

f

p

Ped. **Ped.* **Ped.* **Ped.* *

3

3

3

42

sf *f*

f *sf*

Ped. **Ped.* **Ped.*

3

43

ff

fff ff

Ped.

3

3

a tempo

47

ff 3 3

p 3 3 3

ff 3 3

Ped. ***Ped.*** **Ped.**

50

rubato (take your time)

pp **mf** **p**

** Ped.*

** n.h. A tempo*

** Ped.*

53

(8)

3

3

poco rubato

(8)

3

3

3

3

*Ped.

*n.h. is in effect until the final eighth note of measure 55.